## STIC Biotechnology Systems Branch

## RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number:	10/567,168
Source:	IFWP .
Date Processed by STIC:	2/10/06

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
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  Alexandria, VA 22314

Revised 01/10/06



**IFWP** 

RAW SEQUENCE LISTING DATE: 02/10/2006
PATENT APPLICATION: US/10/567,168 TIME: 09:45:50

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02102006\J567168.raw

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3 <110> APPLICANT: National Institute of Advanced Industrial Science and Technology
              Takagi, Yasuomi
      6 <120> TITLE OF INVENTION: A method for efficient preparation of dumbell-shaped DNA
      8 <130> FILE REFERENCE: FP-041PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/567,168
C--> 11 <141> CURRENT FILING DATE: 2006-02-03
     13 <150> PRIOR APPLICATION NUMBER: JP P2003-206905
     14 <151> PRIOR FILING DATE: 2003-08-08
                                                                  Does Not Comply
     16 <160> NUMBER OF SEQ ID NOS: 25
                                                                 Corrected Diskette Needed
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     21 <211> LENGTH: 245
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TIME: 09:45:50

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/567,168

136 <211> LENGTH: 53 137 <212> TYPE: DNA RAW SEQUENCE LISTING DATE: 02/10/2006
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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02102006\J567168.raw

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RAW SEQUENCE LISTING DATE: 02/10/2006
PATENT APPLICATION: US/10/567,168 TIME: 09:45:50

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02102006\J567168.raw

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RAW SEQUENCE LISTING DATE: 02/10/2006
PATENT APPLICATION: US/10/567,168 TIME: 09:45:50

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02102006\J567168.raw

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VARIABLE LOCATION SUMMARY PATENT APPLICATION: US/10/567,168

DATE: 02/10/2006 TIME: 09:45:51

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02102006\J567168.raw

INA Splanaturi

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:4; N Pos. 3,7,8,11
Seq#:5; N Pos. 3,7,8,9,12
Seq#:6; N Pos. 3,7,8,9,10,13
Seq#:7; N Pos. 3,7,8,9,10,11,14

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/567,168 TIME: 09:45:51

DATE: 02/10/2006

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02102006\J567168.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:71 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:4 L:71 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:4 L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0 L:83 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:5 L:83 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:5 L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0 L:95 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:6 L:95 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:6 L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0 L:107 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:7 L:107 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:7 L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0 L:338 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4 L:339 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:25 L:339 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4 L:342 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:25 L:342 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4 L:343 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:25 L:343 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4